

OUTLOOK

A WEEKLY NEWSPAPER FOR FACULTY AND STAFF AT THE UNIVERSITY OF MARYLAND AT COLLEGE PARK

APRIL 19, 1993
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Referendum Will Address Proposed Changes to Plan of Organization

In the next two weeks, the entire campus will consider proposed revisions to the university's *Plan of Organization* that were passed unanimously by the Campus Senate on April 1.

A referendum ballot as well as the entire plan will be mailed to all faculty and staff this week. Additional copies will be available in all deans' offices, the Student Government Association, the Graduate Student Government, and in Room 1211 of the Stamp Student Union. Ballots must be returned to the Campus Senate Office no later than April 30.

In a letter accompanying the referendum packet, Campus Senate Chair Robert Lissitz says the primary focus of the changes was to insure that "principles and recommendations on 'shared governance' were incorporated in the new plan," which the senate is charged with reviewing every five years.

Another accompanying letter from Bill Walters, chair of the Elections, Representation & Governance Committee that reviewed the proposed revisions, includes the specific changes to the plan. They are as follows:

- The dates of election and change of administration have been removed from the *Plan of Organization* to permit the bylaws to be changed to allow the new senate to be seated at the end of the academic year and the new executive committee to be elected at the final senate meeting of the year. This will permit the new senate chair and executive committee to

- begin work over the summer;
- The senate has been designated as the link to University of Maryland System entities both for reporting and consulting purposes and for election procedures (1.2.v);
- To keep up with changing academic organizations, the senate has been accorded authority for determining unit eligibility for representation on the senate and other governing bodies;
- The category of faculty-administrator has been eliminated. Persons who do not fit the definition of faculty as defined in university statutes are henceforth considered for representational purposes as members of the staff (3.2.a);
- Definition of staff categories has

been eliminated and moved to the bylaws so that changes in staff definition can be more easily kept in line with university statutes. Staggered terms for staff senators were also mandated;

- Requirements for initiation and recall of senators were clarified in 4.10.b and 4.11.b;
- On the senate floor, the chair-elect was denied the right to vote when presiding over a meeting of the senate (5.3.e);
- A new Committee on Committees has been established to relieve the Executive Committee of some of its duties and provide for better oversight of committees and their

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Willis Hawley Appointed College of Education Dean

Willis Hawley, an expert in public policy and education, will become dean of the College of Education in July. Hawley is currently director of the Center for Education and Human Development at Vanderbilt University.

Hawley has "consulted widely and served on many national advisory committees on such important issues as state education reform, desegregation, teacher education, and how public policy affects education issues," says Acting Provost Jacob Goldhaber in announcing the appointment.

In addition to authoring numerous books and articles, Hawley recently created a software package related to

improving teacher education.

Hawley received all his degrees—from B.A. to a Ph.D. in political science—from the University of California at Berkeley. Before Vanderbilt, he taught at Berkeley, Duke and Yale.

Apart from his new position as dean, Hawley will serve as a professor in the Department of Education Policy, Planning and Administration and in the School of Public Affairs.



Willis Hawley, newly-appointed dean of the College of Education

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Campus Receives Re-Accreditation from Middle States Association

During the 1991-92 academic year a group of 54 faculty, staff, and students carried out a review of campus academic and administrative operations as well all major events taking place on the campus since the time of the last re-accreditation review (which took place in 1985-86).

As a result of their efforts, the group's report, *The Periodic Review Report for the College Park Campus*, formed the basis for a decision this past December by the Middle States Association of Colleges and Schools

to re-accredit the university for the next five-year period.

According to the chair of the review's steering committee, James Leshner, the re-accreditation process is intended to assure the general public and state officials that the university is fulfilling its basic educational commitments, but it also provides the institution with an opportunity to reflect on current operations and to identify where additional improve-

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Pulitzer-Winner Shipler to Accompany His "Arab and Jew" Film

David Shipler, author and former *New York Times* correspondent, will speak April 29 on his film "Arab and Jew: Wounded Spirits in a Promised Land," based on his Pulitzer Prize-winning book of the same title. The film will be shown in Art/Sociology 2203 at 3:15 p.m., after which Shipler will deliver remarks at 5:30 p.m. Refreshments will be served. The event is part of an ongoing project exploring possible links between religion and peace in the Israeli-Palestinian conflict sponsored by the Center for International Development and Conflict Management.

Middle States Association Re-Accreditation

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James Leshner

ments can be made.

One of the findings of the review report is that in spite of the financial setbacks of the last several years the campus has made progress in many areas, especially in improving the quality of the undergraduate educational experience.

"The whole document has the tenor of two steps forward, one step backward," says Leshner, "since much of the progress that was made as a result of implementing the Pease and Greer committee recommendations was

either brought to a halt or reversed."

The review committee found, nevertheless, that significant gains have

been made in the quality of the honors programs, undergraduate curricular requirements, efforts to increase the diversity of the campus, foreign language education, the campus' physical plant, academic computing support systems, and in some aspects of its governance system.

The committee did, however, express its concern about some aspects of current admissions policies, and encouraged the campus to undertake an initiative to improve the overall academic quality of the undergraduate student body.

One major change noted by the committee was passage of the 1989 Higher Education Reorganization Act, with its call for increased campus autonomy and local presidential authorities.

According to Leshner, the campus administration has already undertaken a number of efforts to implement many of the periodic review recommendations, including efforts to recruit larger numbers of well-quali-

fied students (now called First Year Focus), achieving a greater degree of administrative autonomy for the campus, a review of the administration of graduate education on the campus, as well as measures to make the special character of the campus' assets and challenges—as the state's principal center for graduate education and research—better known to the general public.

In addition to being approved by Middle States, the campus' report has been reviewed by the System Administration, the Maryland Higher Education Commission, and members of various state legislative committees (copies of the report are available through the Office of Academic Affairs).

The chairs of the various committees which conducted the studies were Cordell Black, Sue Clabaugh, Theresa Coletti, Kathryn Morhman, Michael Nacht, Don Piper, and Mahlon Straszheim.

Panel Discussion will Address Gay & Lesbian Health Care

Two HIV/AIDS researchers and a prominent journalist will be part of a panel discussion on "Future Directions in Gay and Lesbian Health and Mental Health Care" on April 20 from 7:30–9:30 p.m. in the Stamp Student Union Colony Ballroom.

Speakers include Caitlyn Ryan, chief of the District of Columbia Agency for HIV/AIDS and co-author of the National Lesbian Health Care Survey; Joyce Hunter, research fellow with the HIV Center for Clinical and Behavioral Studies; and Chandler Burr, journalist and author of "Homosexuality and Biology" in *The Atlantic Monthly* (March 1993) and soon-to-be-published book with the

same title (Harper Collins). Jeffrey Akman, associate dean of the George Washington University Medical School, will moderate.

The discussion and reception to follow are sponsored by the Gay and Lesbian Faculty and Staff Association; the Lesbian, Gay and Bisexual Alliance; the Office of Human Relations Programs; the Student Government Association; and the Student Health Advisory Committee of the Health Center.

For more information, contact Vicky Foxworth in the Office of Human Relations Programs at 405-2838.

Plan of Organization

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personnel (8.3);

- A new Committee on Implementation has been created to oversee and coordinate implementation of senate actions. The last three senate chairs are specifically included as members of this committee (8.4);

- A provision has been made for councils that are jointly appointed by the senate and administration for specific oversight purposes;

- Section 11 has been considerably expanded to provide more detail about unit plans of organization. Hereafter, plans of organization are

required of all academic units. Moreover, this plan specifically prohibits representation on the senate of colleges with no approved plan of organization after two years from the date the university votes on this change (11.1.d);

- As a part of the plans of organization, an elected faculty advisory committee in each unit is now required (11.2.a);

- Fixed terms and periodic review of all deans, chairs, and directors is now stipulated.

For more information, contact the Campus Senate Office at 405-5805.

Correction

"Women Writers to be Focus of Summer Institute" (March 15, p. 3), should have indicated the institute was open to all non-graduate faculty who teach general undergraduate courses on Western literature, history and civilization, not just community college instructors.

Also, the focus of the institute will include the most important women writers of the ancient Greco-Roman world and Renaissance England, not just Sappho and Lady Mary Wroth.

OUTLOOK

Outlook is the weekly faculty-staff newspaper serving the College Park campus community.

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Letters to the editor, story suggestions, campus information & calendar items are welcome. Please submit all material at least two weeks before the Monday of publication. Send it to Editor *Outlook*, 2101 Turner Building, through campus mail or to University of Maryland, College Park, MD 20742. Our telephone number is (301) 405-4621. Electronic mail address is jfritz@umdacc.umd.edu. Fax number is (301) 314-9344.

UNIVERSITY OF MARYLAND AT COLLEGE PARK

Campus Senate Forum Set for April 20

The Campus Senate Governmental Affairs Committee, Student Government Association and Graduate Student Government will sponsor an open forum with the 21st Delegation to the Maryland General Assembly on April 20, from 12:30 to 1:30 p.m. in the Maryland Room, Marie Mount Hall. Issues to be discussed include the legislative initiative on the UMCP merger with UMUC, the budget, and the "flexibility" bill. The representatives will take questions and answers from the audience. The entire university community is invited. Bring your brown bag lunch and your questions. Call 405-5805 for more information.

EARTH DAY

Saving the Planet Begins at Home: Eco-scholarship at Maryland

Earth Day falls on April 22, but every day is Earth Day for the many scholars at Maryland working on environmental research. From fighting air pollution to protecting biodiversity, these researchers are all seeking ways to encourage humans to take better care of the planet.

Searching for CFC Replacements

The dangerous depletion of the earth's ozone layer has been linked to artificial emissions of chlorofluorocarbons, or CFCs.

The university's Center for Environmental Energy Engineering (CEEE) is searching for CFC replacements for domestic refrigerators, as well as residential and commercial air conditioners and heat pumps.

"In our experimental facilities we look for chemicals that are both environmentally safe and energy efficient," says CEEE Director Reinhard Radermacher. There are many trade-offs when producing chemicals designed to do both, he adds, but the research is promising.

New Conservation Master's Degree

The Zoology Department is launching a new master's program focused on simultaneously meeting the needs of an expanding human population and maintaining biologically diverse ecosystems.

The new degree in Sustainable Development and Conservation Biology is being coordinated by assistant professor James Dietz and associate professor David Inouye, both of Zoology. It is the country's first M.S. curriculum that trains future conservationists not only in environmental science, but also in public policy and economics.

Turfgrass May Absorb Pesticides

Mark Carroll, assistant professor of agronomy, is trying to find out if the pesticides put on lawns in Maryland are leaching into groundwater.

With funding from the Maryland Agricultural Experiment Station (MAES), Carroll is focusing on turfgrass thatch, an intermingled layer of dead and living roots, shoots, and stems.

Carroll believes that turfgrass thatch may absorb pesticides, preventing them from reaching the soil.

Eco-Technology & the Marketplace

The new administration in Washington has stressed the economic growth potential of environmentally sound technologies. Harvey Sachs, director of policy research at the university's Center for Global Change (CGC), is assessing this emerging field.

Sachs studies how to accelerate the introduction of renewable energy technologies and make them the most inexpensive and environmentally preferred energy sources. This work involves technology assessment, government policy analysis, and attention to consumer values.

CGC projects seek "win-win" solutions to energy problems, combining cost-effectiveness with environmental sustainability for the benefit of the planet and its people.

Air Pollution Tax Proposal

Environmental degradation and budget deficits are both making national headlines. CGC Project Director Frank Muller is trying to address both problems at once by proposing an air pollution tax based on the carbon content of fossil fuels.

In contrast to a straight gasoline tax, a carbon levy would be based on a fuel's relative contribution to carbon monoxide emissions, smog and acid rain—air pollution generally.

Though the state's general assembly failed to adopt the proposal last year, Maryland was the first state to seriously consider a carbon tax. Similar bills are now before the California and Minnesota legislatures, as well as being considered at the national level.

Global Politics/Global Environment

Population growth, energy and food supply, and the impact of climate change on the global environment are just a few of the topics being explored by Dennis Pirages, director of the Harrison Program on the Global Agenda.

Later this year the Harrison Program, which explores the relationship between international politics and the global environment, will host "Footsteps to Sustainability: Problems of Establishing a Sustainable Planet." For more information, call 405-4139.

Maryland's Eco-Friendly Industry

The global environmental protection industry will nearly double in size by the year 2000, according to the World Bank. Recognizing the importance of this movement to the Maryland economy, CGC is assessing strategies to accelerate the state's environmental business and technology development.

More than 250 Maryland companies now specialize in technologies that protect or conserve natural resources through "environmentally friendly" products, or environmental legal, engineering and consulting services, according to CGC Assistant Director Christopher Fox. CGC keeps a directory of these companies.

U.S. and Japan Work on Eco-Policy Model for Developing Countries

Can American and Japanese environmental policy be applied to developing countries? CGC Executive Director Alan Miller is seeking an answer to that question through work with the Japan Foundation's Center for Global Partnership.

In both the industrial and developing world, effective solutions to environmental problems require a high degree of international cooperation and structural changes in the way people live, Miller says.



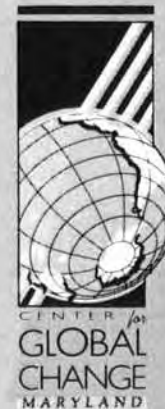
Illustration by Susan Heller

Ten Things You Can Do to Save the Earth at Maryland

1. Recycle on campus (see recycling article on next page for details). Also reuse clothes, paper, bags, and containers.
2. Get your department to purchase products made of recycled materials—building materials, paper and plastic goods.
3. Urge your department to purchase non-toxic cleaners, paints and other chemical products. Many "natural" chemical products are now available, effective and cheap.
4. When requesting supplies from the Procurement Office (405-5813), ask if there is a recycled or more energy efficient alternative.
5. Turn lights off when you're not using them. Turn heat and air conditioning down if too high.
6. If you think your department may use CFCs or halons, ask and

- make sure that they are properly discarded.
7. Don't litter. Instead, pick up trash and deposit it into a waste or recycling receptacle.
8. Walk, bike, car pool, or use public transportation to get to work. For more information, call Commuter Affairs at 314-3645.
9. Try walking or riding a bike across campus instead of driving. It's not only better for the environment; it's quicker—no parking!
10. Support campus environmental efforts and educate yourself by taking one of the many environmental science/policy courses offered on campus.

Sources: Chris Fox, assistant director of the Center for Global Change; the Environmental Conservation Organization; and the Department of Physical Plant.



Sea Grant to Show Video

"Watershed for the Chesapeake," an hour long video that chronicles the history of the Chesapeake Bay restoration movement, will be shown on April 21 at 3:00 p.m. in the Ballroom Lounge of the Stamp Student Union. Sponsored by the Maryland Sea Grant College, marine scientists will be present to answer questions following the video. For more information, call x56376.

Books To Save the Bay

The Maryland Sea Grant College has become a channel for the publishing of marine science research on the Chesapeake Bay.

Since forming in 1977 and becoming the nation's 17th Sea Grant College in 1982, Sea Grant has published books that help educate scholars and students about the bay.

Scientifically-oriented publications such as *Dispersal of Living Organisms Into Aquatic Ecosystems* and *Restoring the Nation's Marine Environment* are

collections of research edited by marine scientists which help Sea Grant fulfill its environmental mission.

For those who don't know what picophytoplankton and dinoflagellates are, Sea Grant publishes books aimed at non-scientists. *Working the Chesapeake: Watermen on the Bay* studies the culture of people who make their living on the Chesapeake, and the *Bayside Guide to Weather on the Chesapeake* explains the bay's weather

to those who live and play there.

Marine science workbooks such as *The American Oyster and Tides and Marshes*, aimed at middle school and junior high school students, educate future generations about the bay.

"To preserve and restore these special places and their quality of life is why we're here," says Jack Greer, Sea Grant's assistant director for communications. "We care about the bay."

—Stephen Sobek

Physical Plant Projects Save Energy and Resources

The Department of Physical Plant (DPP) is saving energy, money and resources through three innovative programs managing steam, lighting and conditioned air supply.

Recycling Steam

From the familiar plumes that rise from campus roadways, most people at Maryland realize that university buildings are heated by steam traveling through subterranean pipes from the heating plant across Route One.

But most people are not aware of a second set of pipes leading back to the plant. These pipes take water condensed from the original steam and return it to make still more steam.

The condensate return system, which has been in place for about five years, returns from 15 to 20 percent of the water originally pumped into the system, or about 10.5 million gallons of water per year.

Since the condensate is about 100 degrees hotter than tap water, the university also saves energy that would be used to heat new water.

High Efficiency Lighting

The university plans to make lighting more efficient in 12 campus buildings, including Hornbake Library and Cole Field House. The project will take place from August, 1993 to January, 1994.

The existing fluorescent lighting fixtures, equipped with magnetic ballasts, will be replaced with fixtures having electronic ballasts, which reduce heat loss. Ballasts are mechanisms that regulate operation of lamps.

The new fixtures will also have tubes of smaller diameter, producing more lumens of light for every watt of electricity used.

Controlling Air Supply

Everyone has heard of central air conditioning. The university has it on a massive scale.

The Central Control Monitoring System (CCMS) allows DPP to manage heat, air conditioning and ventilation in about 110 buildings from a central location. The computerized system reduces the university's electrical and steam consumption by about 10 percent.

"From a central location, you can make sure the heating isn't running when buildings are unoccupied," explains Richard Arata, director of software operation for CCMS.

With CCMS, the university can now shut down entire buildings at 6 p.m. and generally tighten nighttime scheduling to reduce energy consumption.

—Solly Granatstein

Recycling Effort Doubled Since 1990

The university's recycling volume doubled over the last three years, thanks to heightened efforts by the Department of Physical Plant (DPP) and the student-run Environmental Conservation Organization (ECO).

DPP has been contributing more labor power to recycling efforts begun by ECO 18 years ago. The result has been an increase in the number of pick-ups, as well as an expansion in the range of materials that can be recycled.

Historically, ECO was able to pick up two materials from campus buildings: aluminum cans and white paper. Other materials had to be brought to ECO's central recycling site.

Last June, however, DPP and ECO launched a pilot program to pick up glass bottles and newspapers from buildings, in addition to the original two materials. The program will eventually cover the whole campus and now affects Hornbake and McKeldin libraries, the Zoology-Psychology

Building, and the Service Building. DPP is also supplying all university employees with "desk-side containers," with instructions, for white paper recycling.

While the university now recycles between 8 and 9 percent of its trash, DPP Director Frank Brewer expects to reach 20 percent by September in compliance with a 1990 Maryland recycling law for state agencies. Increased volume has prompted DPP and ECO to move the central recycling location from Rossborough Lane to Parking Lot Four.

In addition to recycling as much waste as possible, university employees should try to "close the loop" by using recycled materials, says DPP Assistant Director Lander Medlin. She also advises minimizing use of materials which are not easily recycled, such as "yellow stick-ums" and colored paper.

Recycling options and locations are listed below:

Aluminum Cans: campus-wide (red-and-white receptacles).

Glass: campus-wide (yellow receptacles).

White Paper: campus-wide (white cardboard receptacles); desk-side containers are being distributed.

Computer Ledger Paper: primarily libraries, computer centers, copy centers and the Comptroller's Office.

Colored Paper: libraries, Psychology Department.

Newspaper: most building lobbies; wherever *The Diamondback* is distributed.

Cardboard: Stamp Student Union, Dining Services, libraries.

Plastic: central recycling location.

Polystyrene: white dumpsters outside of dorms and dining halls.

Steel: central recycling location.

For more information, to request a pick-up, or to set up recycling in your work place, call DPP at 405-7086 or ECO at 314-8345.

—Solly Granatstein

Libraries Seek Comments on Strategic Plan

The draft of the Libraries' Strategic Plan has been circulated widely across campus for comment. Copies are also available at the reserve desks of any of the seven libraries and through INFO under Reports/Libraries. Anyone wishing to comment on the plan should respond to Danuta Nitecki, associate director for public services and chair of the Strategic Planning Committee, no later than Friday, April 23. For more information, call 405-9251.

LIBRARIES

Libraries Acquire Rare Map and Additional Landsberg Materials



Portrait of Helmut Landsberg by Joshua Holland

College Park libraries have recently acquired a rare map focusing on the 18th century border dispute between Maryland and Pennsylvania, as well as additional materials from Frances Landsberg, widow of Professor Emeritus Helmut Erich Landsberg, a distinguished university scientist.

During the early 18th century, violent conflicts often arose as to the exact locations of the Pennsylvania and Maryland borders. To resolve these disputes, several agreements were made between Lords Penn and Baltimore.

One of these, entitled "True Copies of...the Agreement between

Lord Baltimore and Messieurs [John, Richard and Thomas] Penn," was printed first by Benjamin Franklin in Philadelphia and later in London (1734).

College Park Libraries acquired the London imprint for the Maryland Collection. What distinguishes this copy is that it includes a map engraved by John Senex depicting the disputed territory. The map was printed to accompany the six manuscript versions of the agreement. Only two other copies of this map are known to be in existence.

The Senex map has added significance for UMCP's collection since a 1760 version of this map is already a part of the Maryland collection. That map is printed on vellum as part of an original manuscript copy of a 1760 agreement between Lords Penn and Baltimore, again pertaining to boundary disputes.

The newly acquired map, together with the manuscript already present in the collections, will provide researchers with vital resources for understanding Maryland's provincial border disputes.

The libraries have also acquired 23 volumes of rare books from the estate of Helmut Erich Landsberg, whose career in the fields of meteorology and climatology spanned over five decades.

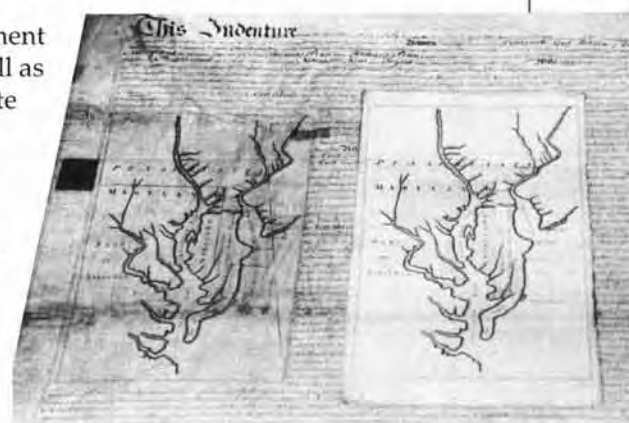
The gift includes a first French edition of a book written by Benjamin Franklin, published in 1752, dealing with Franklin's experiences and

observations on experiments with electricity in the city of Philadelphia. This French edition is rarer than all but the first English edition published in 1751.

Another important addition to the collection is a volume by Luke Howard published in 1833. One of the founders of the science of meteorology and a resident of London, Howard began to keep a meteorological register in 1806 and published the results of his observations in the work donated by Frances Landsberg. For the period covered, his are the only observations on the weather from day to day that have been preserved.

Landsberg, who taught at College Park from 1964 to 1976, is considered the founder of modern climatology for his pioneering efforts in the statistical analysis of climate, and his wide-ranging research interests. At College Park, Landsberg was instrumental in founding the Department of Meteorology as well as establishing a graduate program in the discipline.

This recent donation marks the fourth gift of material to the libraries by the Landsberg family. Helmut Landsberg died in 1985.



Recently-acquired Senex map at right, placed atop the 1760 agreement, appears to be almost identical to 1760 map at left.

Libraries Saddled With Budget Cuts and Rising Journal Costs

The university's libraries have found themselves in the impossible predicament of dealing simultaneously with budgetary cutbacks and steeply escalating journal costs.

"We are not in a position budgetarily to do what we're here to do," says Desidor Viktor, campus libraries' associate director for collection management and special collections.

Statewide budget cuts have forced university libraries to cut about \$500,000 worth of subscriptions over the last two years. Meanwhile, journal subscription prices rose by an average of 16 to 20 percent over only the last year, fueled especially by expensive scientific and technological publications. And new journal titles are proliferating, making it even harder for the university's libraries to keep up.

In addition to their worries over periodicals, the libraries are also concerned about the fact that book prices are increasing at an annual rate of 8 percent.

The Provost's Library Advisory Committee is asking faculty to help address what Viktor calls a "crisis in scholarly publishing," which is

national in proportions and extends beyond library walls.

Since campus libraries and faculty have been working together on the scope and substance of journal cutbacks, the library advisory committee wants to increase faculty sensitivity to the cost of certain subscriptions, which can exceed \$10,000 per year for a single journal. The committee is also urging professors to use their influence as contributors and editorial board members of specific publications to reign in subscription rates.

"It's the responsibility of all the faculty to think about the publication process from an economic point of view," says Gary Marchionini, associate professor in the College of Library and Information Services and chair of the library advisory committee.

Publishers of journals justify the subscription rate hikes by pointing to increased offerings: more entries, more frequent publication. In addition, the weak U.S. dollar translates into higher prices for foreign journals.

But some analysts point to the profit motive and a captive market to explain soaring subscription rates.

They say commercial publishers are taking advantage of institutions and libraries which must stock the most recent scholarly work.

"No one begrudges the publishers a fair profit. The question is what is fair," says Marchionini.

Marchionini sees the emerging electronic networks as a potential escape from the high cost of print publications. Print publishers are in a quandary, he says, about how to respond to the loosely-organized electronic networks which may eventually supplant traditional journals.

"The trouble is there's an enormous amount of pressure [in academe] for people to publish in scholarly, refereed journals," says Marchionini. "If you publish something on Internet, it's not a scholarly, refereed journal."

Moreover, while these networks may be the wave of the future, Viktor believes they are far from being developed to a point where they can replace print publications. And electronic subscriptions "are not inexpensive in their own right," he adds.

—Solly Granatstein

CALENDAR

April 19-26



The Concert Society at Maryland presents American Indian singer/songwriter Buffy Sainte-Marie on April 24

19 MONDAY

Art Exhibit: African Heritage costumes, instruments and related art work, through April 30, Parents' Association Art Gallery, Stamp Student Union. Call 4-9816 for info.

Architecture Exhibit: "Soundings: The Work of John Hejduk," designs by the dean of Cooper Union Architecture School, Architecture Gallery, through April 30, Call 5-6284 for info.

Art Exhibit: "Spring Visions," featuring works by lithographer Tadeusz Lapinski, UMUC Conference Center, 8 a.m.-8 p.m. daily, through July 18. Call 5-7154 for info.

Curriculum Transformation Project Panel Discussion: "Visions and Revisions," panel and open discussion with faculty participants from the 1992 summer institute, "Thinking About Women, Race, and Gender," Erve Chambers, Regina Igel, Charles Stangor, Shelly Wong, noon-2 p.m., 2127 Tydings. Call 5-6882 for info.

President's Committee on Women's Affairs Lecture: "The problem of Women in Science: Why is it so Hard to Convince People?" Shelia Tobias, 3 p.m., 1202 Engineering. Call 5-5803 for info.

Campus Senate Special Meeting, agenda includes revisions to the *Code of Academic Integrity* and policy on campus housing for undergraduate students, 3:30-6:30 p.m., 0126 Reckord Armory, Call 5-5805 for info.

Entomology Colloquium: "Interactions of Host Plant Chemistry, Caterpillars and Insect Predators," Nancy Stamp, SUNY Binghamton, 4 p.m., 0200 Symons. Call 5-3911 for info.

Contemporary Spanish Cinema: *El Sur*, (Victor Erice, 1983), 4 p.m., Language House. Sponsored by Maryland Humanities Council. Call 5-6441 for info.

American Heart Association CPR Course, for adult, child, and infant skills, April 19 and 26, 6-9:30 p.m. Registration required, \$20 fee. Also offered April 20 and 27; April 22 and 29. Call 4-8132 for info.*

20 TUESDAY

Ecology and Evolutionary Biology Seminar: "Comparative Studies of Bowerbird Display Evolution," Gerald Borgia, noon, 1208 Zoo/Psych. Call 5-6949 for info.

International Center For Sustainable Agriculture and Human Resources Development Lecture: "Targeting Women in Extension," William Zipf, World Bank, noon-1 p.m., 0115 Symons. Co-sponsored by the Office for International Programs. Call 5-1253 for info.

Committee on History and Philosophy of Science Lecture: "Exploratory Data Analysis, 1971-1977," John Tukey, Princeton, 4:15-6 p.m., 1407 Chemistry. Call 5-5691 for info.

Maryland Opera Studio, An Evening of Excerpts (first year students), 8 p.m., Tawes Recital Hall. Call 5-5546 for info.

Spring Dance Concert, 8-10 p.m., Dorothy Madden Studio/Theater. Tickets are \$8 general, \$5 students and seniors. Call 5-3180 for info.*

21 WEDNESDAY

Counseling Center Research and Development Meeting: "Overview of Program Evaluation," William Schafer, noon-1 p.m., 0106 Shoemaker. Call 4-7691 for info.

Molecular and Cell Biology Seminar: "Molecular Basis of Cystic Fibrosis: Implications and Approaches Toward Developing a Therapeutic," Seng Cheng, Genzyme Corporation, 12:05 p.m., 1208 Zoo/Psych. Call 5-6991 for info.

Astronomy Colloquium: "Gravitational Lenses, Time Delays, and Hubble's Constant," Jacqueline Hewitt, MIT, 4 p.m., 1113 Computer/Space Sciences. Call 5-3001 for info.

Information Policy in the Electronic Age Seminar: "Frustrations of Scholarly Research in Recent American Documentation," Anna Kasten Nelson, American U., 4 p.m., 0109 Hornbake. Call 5-2033 for info.

Committee on History and Philosophy of Science Lecture: "Exploratory Data Analysis, 1991-1995," John Tukey, Princeton, 4:15-6 p.m., 1407 Chemistry. Call 5-5691 for info.

Maryland Opera Studio, An Evening of Excerpts, Act I *The Magic Flute*, Act II *The Marriage of Figaro*, 8 p.m., Tawes Recital Hall. Call 5-5546 for info.

Spring Dance Concert, 8-10 p.m., Dorothy Madden Studio/Theater. Tickets are \$8 general, \$5 students and seniors. Call 5-3180 for info.*

22 THURSDAY

The Committee on Africa and Africa in the Americas Brown Bag Lecture: "Born in Bondage: A Comparative Study of Slave Childhood 1815-1865," Marie Jenkins Schwartz, noon, 1120N F.S. Key. Call 5-2118 for info.

Maryland Opera Studio, An Afternoon of Excerpts (first year students), 12:30 p.m., Tawes Recital Hall. Call 5-5546 for info.

Colleges of Agriculture and Life Sciences 1993 Faculty and Staff Excellence Awards, 3 p.m., 0408 Animal Sciences. Call 5-2072 for info.

Center for Teaching Excellence CORE Faculty Workshop: "Writing to Learn II: Responding to Student Writing and Grading Papers—Coaching or Judging?" 3:15-4:45 p.m., 1102 F.S. Key. Call 5-3154 for info.

Meteorology Seminar: "What We Think We See in the Observed Climate Record," Tom Karl, NOAA, 3:30 p.m., 2114 Computer and Space Science. Call 5-5392 for info.

Committee on Religion and Culture Lecture: "Can Ethics Justify Religion? The Dilemma of Modern Jewish Thought," David Novak, U.VA, 4 p.m., 1117 F.S. Key. Call 5-4304 for info.

Committee on History and Philosophy of Science Lecture: "Exploratory Data Analysis, 1996-2000," John Tukey, Princeton, 4:15-6 p.m., 1407 Chemistry. Call 5-5691 for info.

Reliability Seminar: "Imbedded Sensors for Structural Integrity Monitoring," James Sirkis, 5:15-6:15 p.m., 2110 Chemical and Nuclear Engineering. Call 5-3887 for info.

Committee on East Asian Studies Reading and Discussion, Haruko Taya Cook and Theodore F. Cook, authors of *Japan at War: An Oral History*, dramatic readings from the text by actors Richard Ebihara and Dawn Salto, 7:30-9:30 p.m., Pugliese Theater. Call 5-4243 for info.

University Theatre: *Not By Bed Alone*, at Tawes Theatre, on Apr. 22-24 and Apr.

29-May 1 at 8 p.m., May 1 with sign interpretation, April 25 at 2 p.m. with audio description, school matinee Apr. 27 at 9:45 a.m. Tickets are \$10 standard admission and \$7 students and seniors. Call 5-2201 for tickets and info.*

Spring Dance Concert, 8-10 p.m., Dorothy Madden Studio/Theater. Tickets are \$8 general, \$5 students and seniors. Call 5-3180 for info.*

Maryland Opera Studio, An Evening of Excerpts, *Face on the Barroom Floor*, Gianni Schicchi, 8 p.m., Tawes Recital Hall. Call 5-5546 for info.

23 FRIDAY

Center for Renaissance and Baroque Studies Symposium: "The Public and Private in Dutch Culture of the Golden Age," featuring Dutch and American historians, 8:45 a.m.-3:30 p.m., April 23; 9 a.m.-3:30 p.m., April 24, UMUC Conference Center, \$30 registration fee, free for students. Call 5-6830 for info.*

Geology Seminar: "Transport of Pollutants Across the Sediment-Water Interface: Comparison of Marine, Estuarine and Lacustrine Systems," Joel Baker, Chesapeake Bay Laboratories, 11 a.m., 0103 Hornbake. Call 5-4089 for info.

Speech Communication Colloquium: "Culture and Interpersonal Communication," Daena Goldsmith, noon, 0104 Skinner. Call 5-6524 for info.

First National Bank of Maryland Research Colloquium in Finance: "Pricing the Risks of Default," Dilip Madan and Haluk Unal, 1-2:30 p.m., 1203 MPA Bldg. Call 5-2256 for info.

Mental Health Lunch 'N' Learn Seminar: "Genetics and Psychiatric Illness," Robert Burdette, Chaplain, United Campus Ministries, 1-2 p.m., 3100E Health Center. Call 4-8106 for info.

Maryland Opera Studio, An Evening of Excerpts, Act I *The Magic Flute*, Act II *The Marriage of Figaro*, 8 p.m., Tawes Recital Hall. Call 5-5546 for info.

Spring Dance Concert, 8-10 p.m., Dorothy Madden Studio/Theater. Tickets are \$8 general, \$5 students and seniors. Call 5-3180 for info.*

24 SATURDAY

Maryland Opera Studio, An Evening of Excerpts, *Face on the Barroom Floor*, Gianni Schicchi, 8 p.m., Tawes Recital Hall. Call 5-5546 for info.

Concert Society at Maryland, American Indian singer/songwriter Buffy Sainte-Marie, 8:30 p.m., UMUC Conference Center. Free pre-concert discussion, "New Sounds from Native American

Artists," 7 p.m. \$17 general admission, \$15.30 faculty and staff, \$14.50 seniors, \$7 students. Call 403-4240 for tickets and info.*

25 SUNDAY

Spring Koto Concert, Washington Toho Koto Society, 2 p.m., Tawes Recital Hall. Call Kyoko Okamoto at 301 434-4487 for info.*

University of Maryland Chorus 25th Anniversary Concert, directed by Paul Traver, selections from some of the world's greatest choral music, 3 p.m., Memorial Chapel. Tickets are \$10 standard admission, \$8 students and seniors. Call 5-5568 for info.*

26 MONDAY

Returning Students' Workshop: "End of Semester Survival Skills: Putting it all Together," 2-3 p.m., 2201 Shoemaker. Call 4-7693 for info.

Math Student-Faculty Colloquium: "Nuclear Winter: Is the Theory Still Valid?" Alan Robock, 3 p.m., 3206 Math. Call 5-5021 for info.

Entomology Colloquium: "Leafhopper Mating Behavior: Role of Vibrational Song in Mate Recognition, Finding and Selection," Randy Hunt, University of Kentucky, 4 p.m., 0200 Symons. Call 5-3911 for info.

Contemporary Spanish Cinema: *¿Que He Hecho Para Mercader Esto?*, (Pedro Almodóvar, 1984), 4 p.m., Language House. In Spanish with English subtitles. Sponsored by Maryland Humanities Council. Call 5-6441 for info.

Horticulture Colloquium: "Resistance to Crown Gall in Vitis," Eddie Stover, 4 p.m., 0128 Holzapfel. Call 5-4374 for info.

Computer Science Colloquium: "Host Mobility and Its Implications on Routing," Yakov Rekhter, IBM T.J. Watson Research Center, 4 p.m., 0111 CLB Building 106. Call 5-2661 for info.

Space Science Seminar: "Low Frequency Electric and Magnetic Field Fluctuations at High Latitudes in the Dayside Ionosphere," E.M. Basinka, Boston U., 4:30 p.m., 1113 Computer/Space Sciences. Call 5-6232 for info.

Dingman Center for Entrepreneurship Short Course: "Starting and Managing a Growth Company," 6-9 p.m., today, May 3, 10, and 17. \$60 for faculty, staff, and students. Call 410 455-2336 for info and registration.*



Calendar Guidelines

The *OUTLOOK* Calendar publishes university-sponsored events, subject to space availability. Preference is given to free, on-campus events. The deadline is two weeks before the Monday of the week in which the event occurs. Mail listings with date, time, title of event, speaker, sponsoring organization, location, fee (if any), and number to call for information to: Calendar Editor, 2101 Turner Lab, or fax to 314-9344. Calendar phone numbers listed as 4-xxxx or 5-xxxx stand for the prefix 314- or 405- respectively. Events are free and open to the public unless noted by an asterisk (*). For more information, call 405-7339.

